TRST-A10/TRST-A15 Printer Image Print Driver for Windows User's Manual

First Edition : August 21, 2007
Second Edition : July 25, 2008

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This document describes the precautions for using the TRST-A10/TRST-A15 Printer Image Print Driver for Windows.

This document assumes that the reader is familiar with the following:

- General characteristics of Windows and Image Print Driver for Windows.
- General characteristics of TRST-A10/TRST-A15 printer

Notes:

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Revision Record

No.SPAA-231

TRST-A10/TRST-A15 Printer – Image Print Driver for Windows User's Manual

Rev.No.	Date	Pages	Description
01	Aug 21, 2007	---	Original issue
02	Jul 25, 2008	all	Changed the description from "Windows Driver" to "Image Print Driver for Windows".

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1. Operation Environment

This printer driver works with below environment.

OS	Windows 2000(SP4), Windows XP(SP1, SP2)
I/F	Serial, Parallel, USB

2. How to install the Printer Driver

2.1 Install by plug and play(Available on USB & Parallel I/F)

[In case of USB I/F]

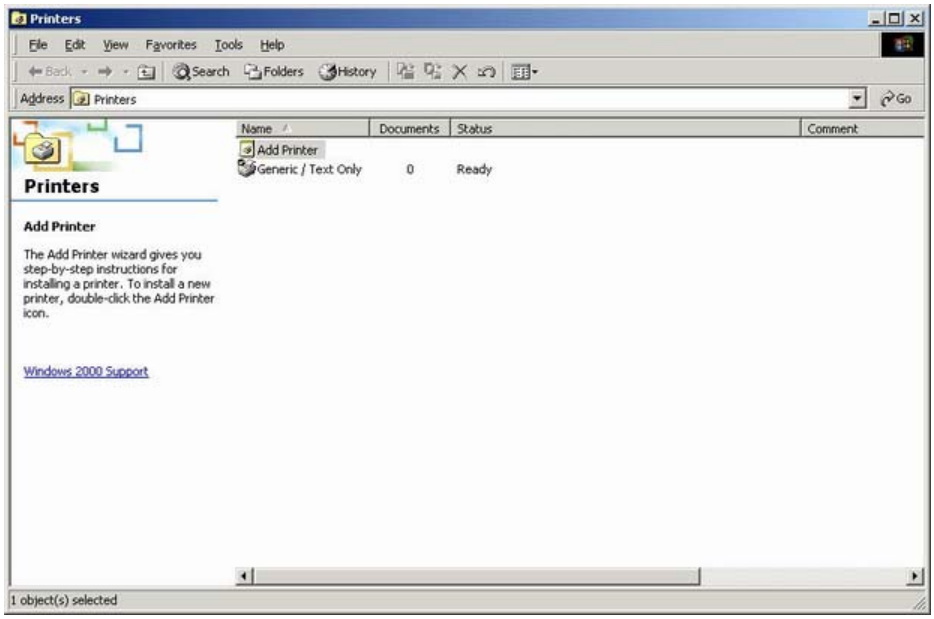
- Connect the printer with switched on and your PC will detect the new printer, after that, go on to ch.2.1.2("Hardware Wizard") and follow the operation to proceed the installation.

[In case of Parallel I/F]

- Turn on your PC with the printer connected and switched on, and then, your PC will detect the new printer, after that, go on to ch.2.1.2("Hardware Wizard") and follow the operation to proceed the installation.
- In order to detect the printer automatically, go on to ch2.1.1("Add Printer") and follow the operation to proceed the installation.

2.1.1 Add Printer

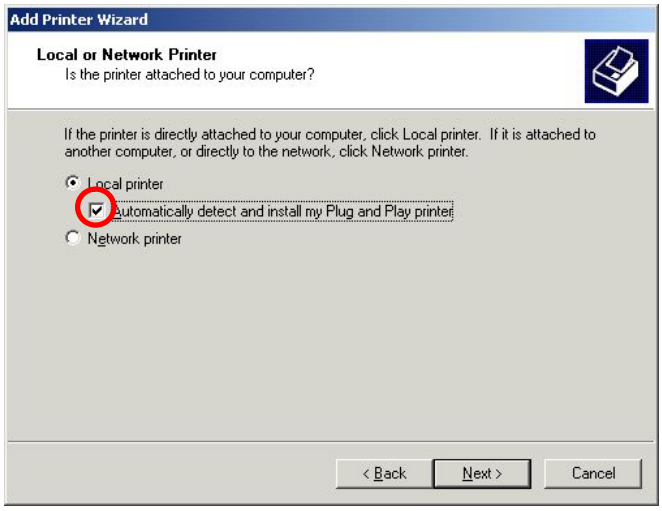
Run "Add Printer" wizard through the "Printers and Faxes" folder.



Click "Next >" on the below screen.

Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
To continue, click Next.
< Back
Next >
Cancel

Select "Local printer" and "Automatically detect and install my Plug and Play printer".


Add Printer Wizard
Local or Network Printer
Is the printer attached to your computer?
If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.
Local printer
Automatically detect and install my Plug and Play printer
Network printer
< Back
Next >
Cancel

Go on to ch.2.1.2("Hardware Wizard") to proceed the installation.

2.1.2 Hardware Wizard

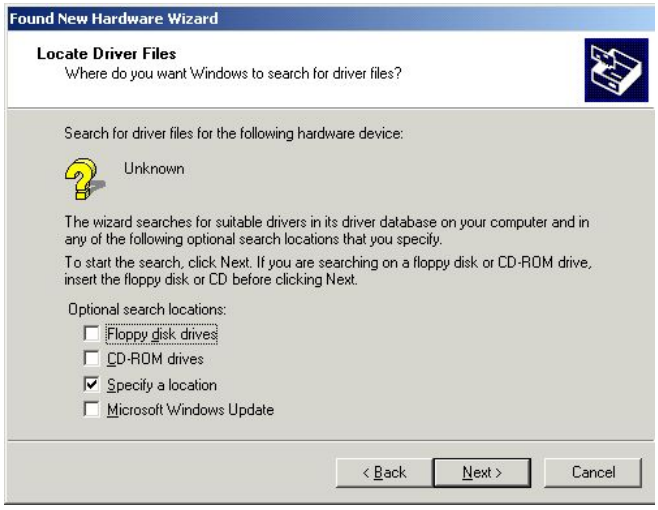
Click "Next >" to go on to the next screen.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install a device driver for a hardware device.
To continue, click Next.
< Back
Next >
Cancel

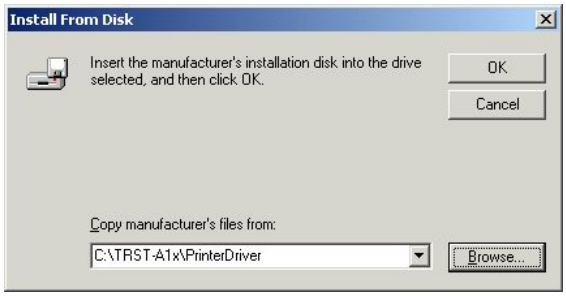
Select the "Search for a suitable driver for my device (recommended)" and click "Next >".

Found New Hardware Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
Unknown
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

Select "Specify a location" and click "Next >".

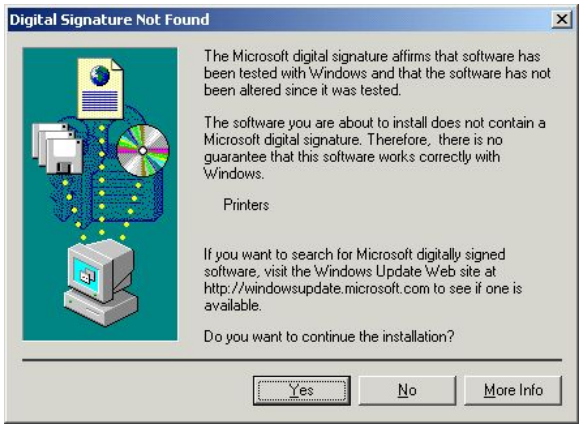

Found New Hardware Wizard
Locate Driver Files
Where do you want Windows to search for driver files?
Search for driver files for the following hardware device:
Unknown
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.
To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.
Optional search locations:
Floppy disk drives
CD-ROM drives
Specify a location
Microsoft Windows Update
< Back
Next >
Cancel

Click "Browse..." and select the folder where the printer driver is saved.

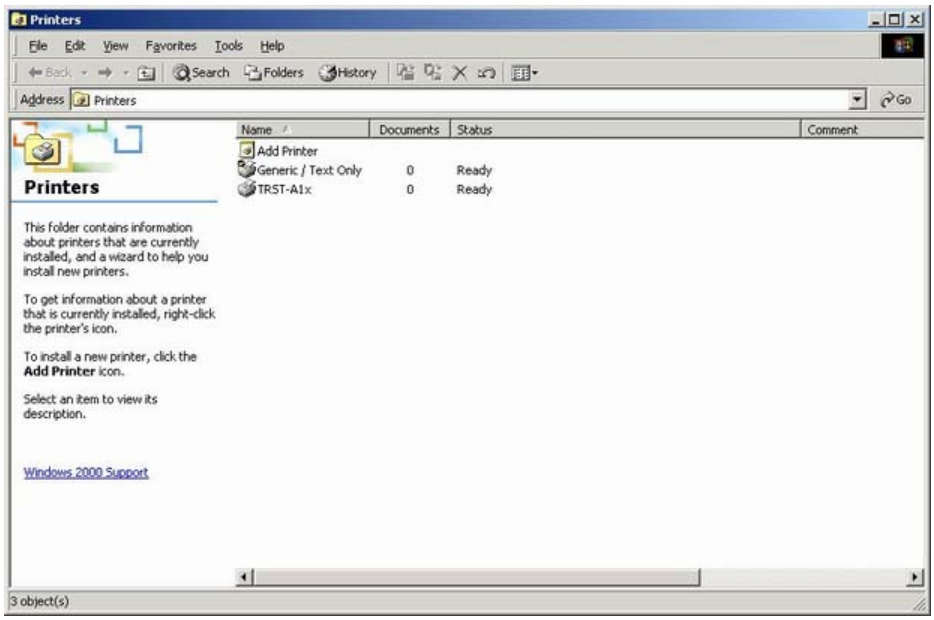


Click "Finish" to start copying the necessary files.

Click "Yes" to ignore below warning message and complete the installation.


Digital Signature Not Found
The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
Printers
If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
Do you want to continue the installation?
Yes
No
More Info

After installation finished, you'll see the "TRST-A1x" icon in the "Printers and Faxes" folder.


Printers
File Edit View Favorites Tools Help
Search Folders History
Address Printers
Go
Printers
This folder contains information about printers that are currently installed, and a wizard to help you install new printers.
To get information about a printer that is currently installed, right-click the printer's icon.
To install a new printer, click the Add Printer icon.
Select an item to view its description.
Windows 2000 Support
Name
Documents
Status
Comment
Add Printer
Generic / Text Only 0 Ready
TRST-A1x 0 Ready
3 object(s)

2.2 Manual Install through "Add Printer" wizard(Serial & Parallel)

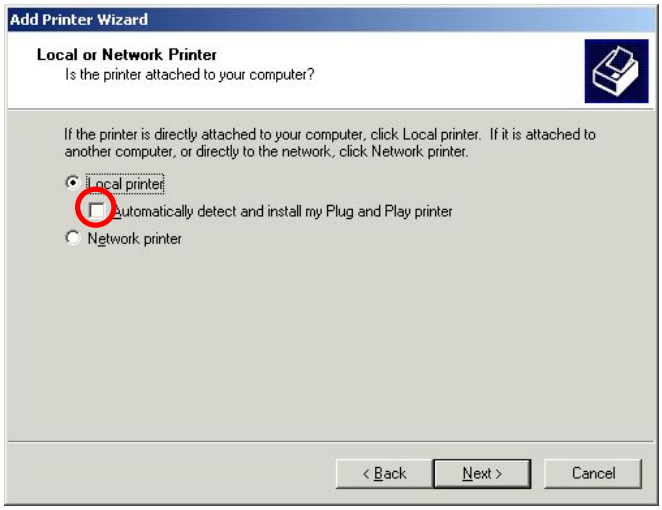
2.2.1 Add Printer

Run "Add Printer" wizard through the "Printers and Faxes" folder as same operation as 2.1.1.

Click "Next >" on the below screen.

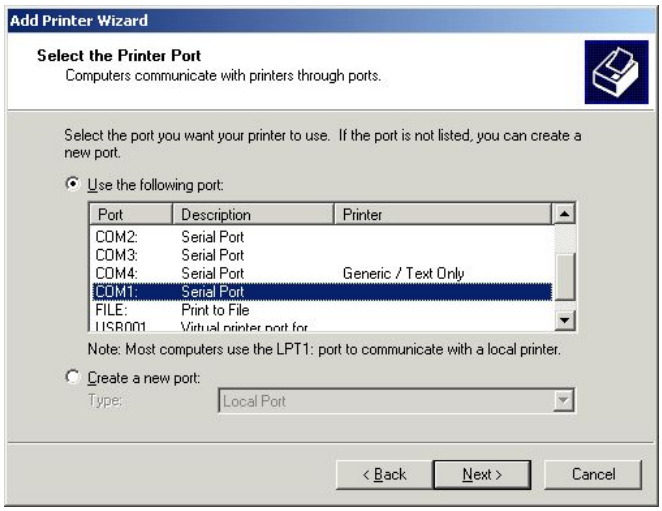
Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
To continue, click Next.
< Back
Next >
Cancel

Select "Local printer" and **does not check** "Automatically detect and install my Plug and Play printer".

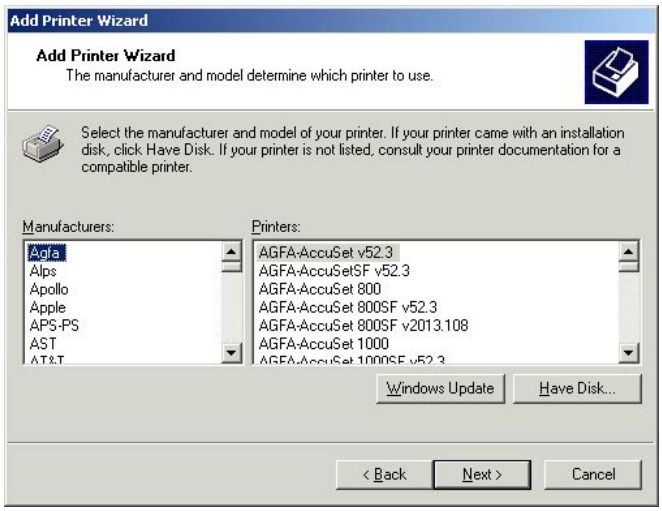

Add Printer Wizard
Local or Network Printer
Is the printer attached to your computer?
If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.
Local printer
Automatically detect and install my Plug and Play printer
Network printer
< Back
Next >
Cancel

Select the port(I/F) you want to use and click "Next >".

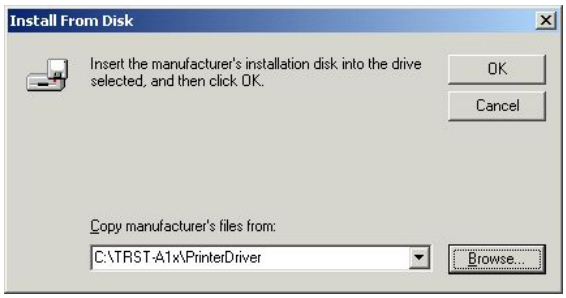
Below is the example for selecting "COM1" of Serial I/F.


Add Printer Wizard
Select the Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
Port
Description
Printer
COM2: Serial Port
COM3: Serial Port
COM4: Serial Port Generic / Text Only
COM1: Serial Port
FILE: Print to File
Note: Most computers use the LPT1: port to communicate with a local printer.
Create a new port:
Type:
Local Port
< Back
Next >
Cancel

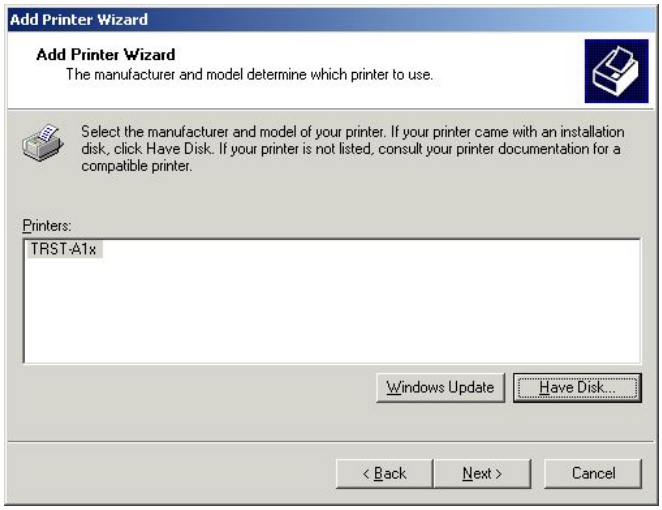
Click "Have Disk..." on below screen.



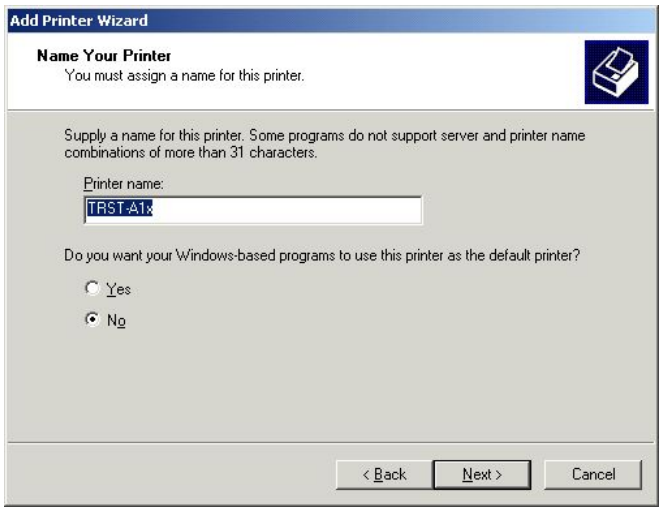
Specify the folder where the printer driver is saved.



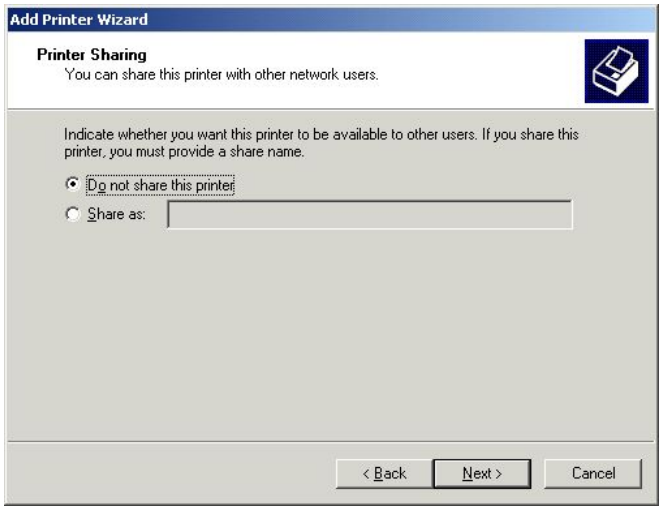
Click "Next >" on below screen.


Add Printer Wizard
Add Printer Wizard
The manufacturer and model determine which printer to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.
Printers:
TRST-A1x
Windows Update
Have Disk...
< Back
Next >
Cancel

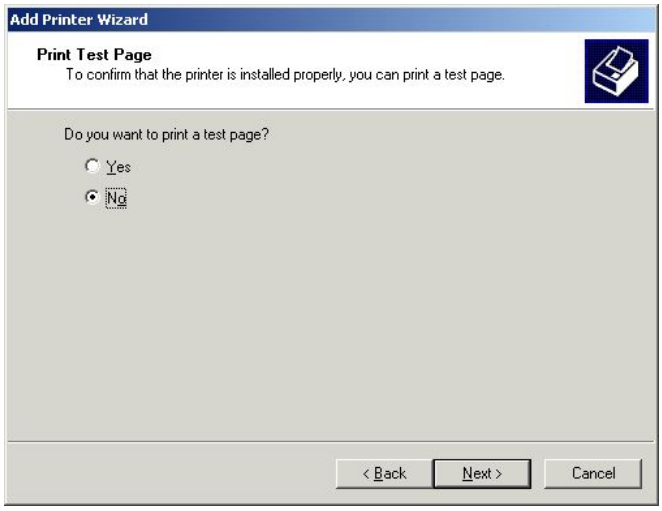
Supply a name for this printer which you want to use. And if you want to use the printer as the default printer, click "Yes". Click "Next >" to continue the installation.


Add Printer Wizard
Name Your Printer
You must assign a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.
Printer name:
TRST-A1x
Do you want your Windows-based programs to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

Select "Do not share this printer" and click "Next >".

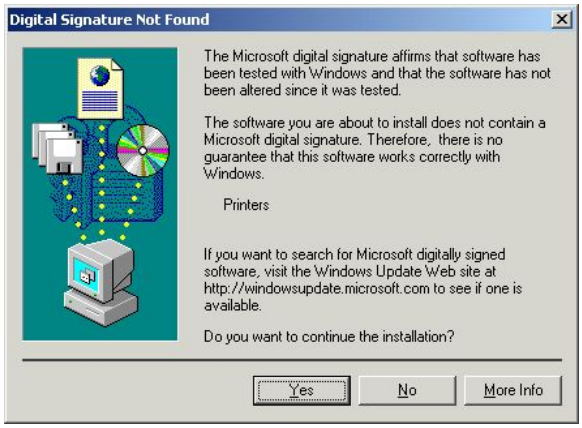

Add Printer Wizard
Printer Sharing
You can share this printer with other network users.
Indicate whether you want this printer to be available to other users. If you share this printer, you must provide a share name.
Do not share this printer
Share as:
< Back
Next >
Cancel

If you want to print a test page, select "Yes". Click "Next >".

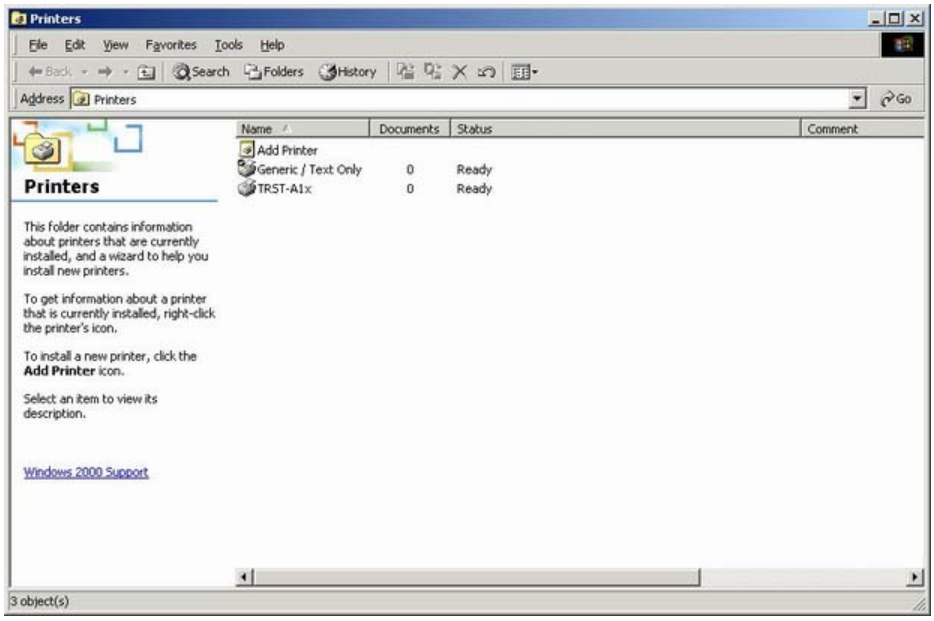

Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

Click "Finish" to start copying the necessary files.

Click "Yes" to ignore below warning message and to complete the installation.


Digital Signature Not Found
The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
Printers
If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
Do you want to continue the installation?
Yes
No
More Info

After installation finished, you'll see the "TRST-A1x" icon in the "Printers and Faxes" folder.


Printers
File Edit View Favorites Tools Help
Back Search Folders History
Address Printers
Go
Printers
This folder contains information about printers that are currently installed, and a wizard to help you install new printers.
To get information about a printer that is currently installed, right-click the printer's icon.
To install a new printer, click the Add Printer icon.
Select an item to view its description.
Windows 2000 Support
Name
Documents
Status
Comment
Add Printer
Generic / Text Only 0 Ready
TRST-A1x 0 Ready
3 object(s)

3. Sample printing on the printer

3.1 Configure the Printer

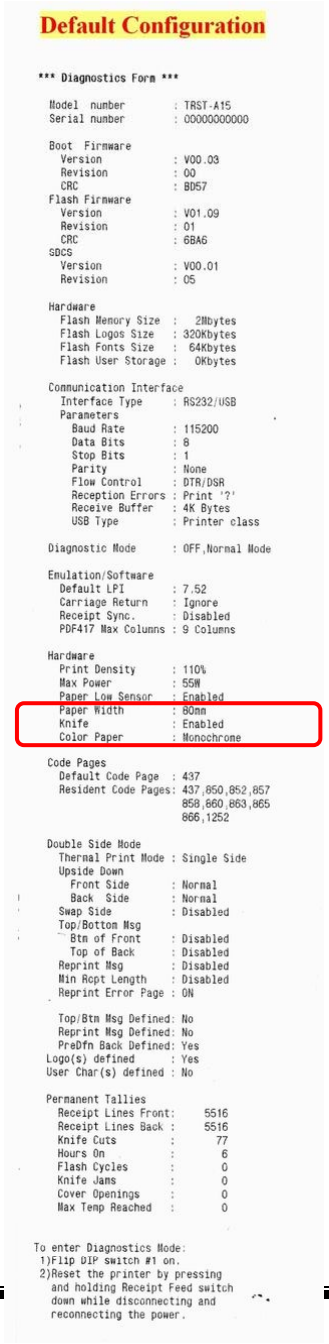
Print the current printer's configuration and compare them with the default configuration shown below. The 3 configuratins surrounded by red rectangle should be configured as shown below.

Paper Width : 80mm

Knife : Enabled

Color Paper : Monochrome

If corresponding configurations of your printer are different from above ones, please reset EEPROM to default values. Please refer to the F/W spec p.88 about the operation to reset the configuration.

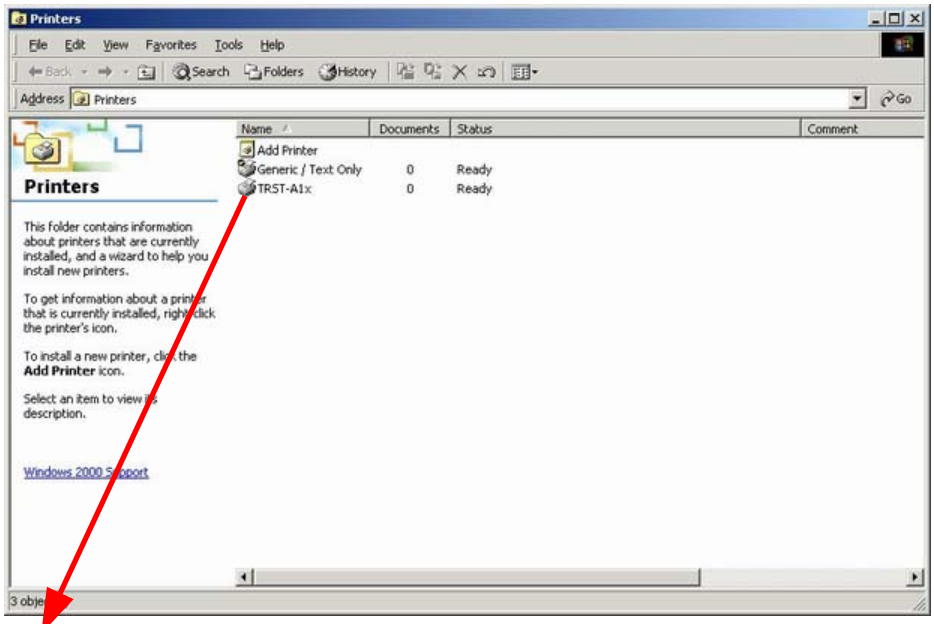


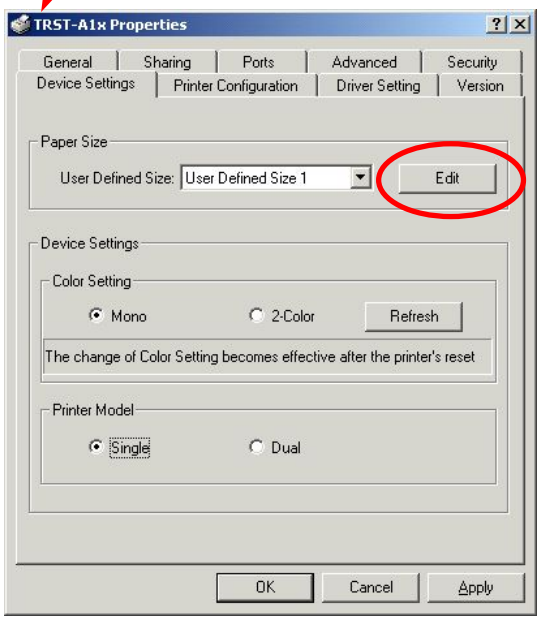
Default Configuration

```
*** Diagnostics Form ***

  Model  number        : TRST-A15
  Serial number        : 00000000000

  Boot  Firmware
    Version            : V00.03
    Revision           : 00
    CRC                : BD57
  Flash Firmware
    Version            : V01.09
    Revision           : 01
    CRC                : 6BA6
  SDCS
    Version            : V00.01
    Revision           : 05

  Hardware
    Flash Memory Size  :   2Mbytes
    Flash Logos Size   : 320Kbytes
    Flash Fonts Size   :  64Kbytes
    Flash User Storage :   0Kbytes

  Communication Interface
    Interface Type     : RS232/USB
    Parameters
      Baud Rate        : 115200
      Data Bits        : 8
      Stop Bits        : 1
      Parity           : None
      Flow Control     : DTR/DSR
      Reception Errors : Print '?'
      Receive Buffer   : 4K Bytes
      USB Type         : Printer class

  Diagnostic Mode      : OFF,Normal Mode

  Emulation/Software
    Default LPI        : 7.52
    Carriage Return    : Ignore
    Receipt Sync.      : Disabled
    PDF417 Max Columns : 9 Columns

  Hardware
    Print Density      : 110%
    Max Power          : 55W
    Paper Low Sensor   : Enabled
    Paper Width        : 80mm
    Knife              : Enabled
    Color Paper        : Monochrome

  Code Pages
    Default Code Page  : 437
    Resident Code Pages: 437,850,852,857
                         858,860,863,865
                         866,1252

  Double Side Mode
    Thermal Print Mode : Single Side
    Upside Down
      Front Side       : Normal
      Back  Side       : Normal
    Swap Side          : Disabled
    Top/Bottom Msg
      Btm of Front     : Disabled
      Top of Back      : Disabled
    Reprint Msg        : Disabled
    Min Rcpt Length    : Disabled
    Reprint Error Page : ON

    Top/Btm Msg Defined: No
    Reprint Msg Defined: No
    PreDfn Back Defined: Yes
  Logo(s) defined      : Yes
  User Char(s) defined : No

  Permanent Tallies
    Receipt Lines Front:    5516
    Receipt Lines Back :    5516
    Knife Cuts         :      77
    Hours On           :       6
    Flash Cycles       :       0
    Knife Jams         :       0
    Cover Openings     :       0
    Max Temp Reached   :       0

To enter Diagnostics Mode:
 1)Flip DIP switch #1 on.
 2)Reset the printer by pressing
   and holding Receipt Feed switch
   down while disconnecting and
   reconnecting the power.
```

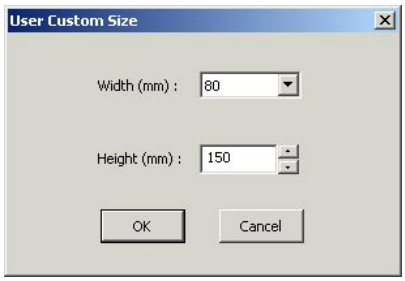
3.2 Device Settings

Click right button and select "Properties..." on the "TRST-A1X" icon to open the printer's property.

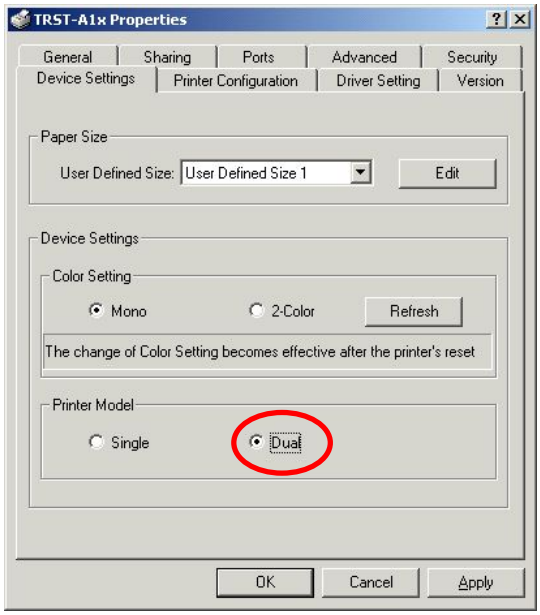

Printers
File Edit View Favorites Tools Help
Search Folders History
Address Printers
Go
Printers
This folder contains information about printers that are currently installed, and a wizard to help you install new printers.
To get information about a printer that is currently installed, right-click the printer's icon.
To install a new printer, click the Add Printer icon.
Select an item to view its description.
Windows 2000 Support
Name
Documents
Status
Comment
Add Printer
Generic / Text Only 0 Ready
TRST-A1x 0 Ready



Click "Edit" to open below screen and change the paper size.



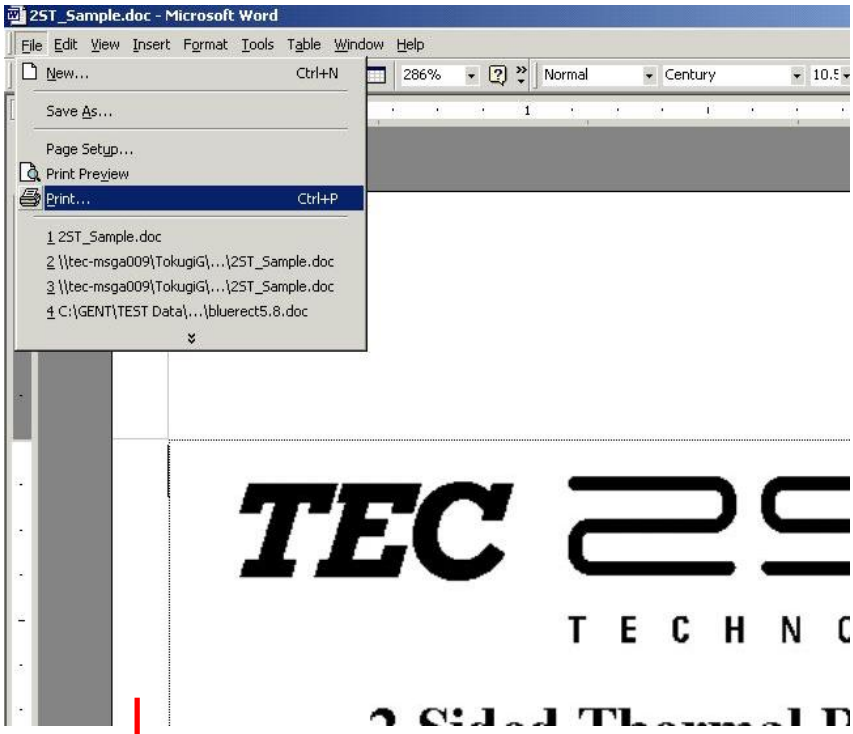
Select "Dual" on the "Printer Model" setting.



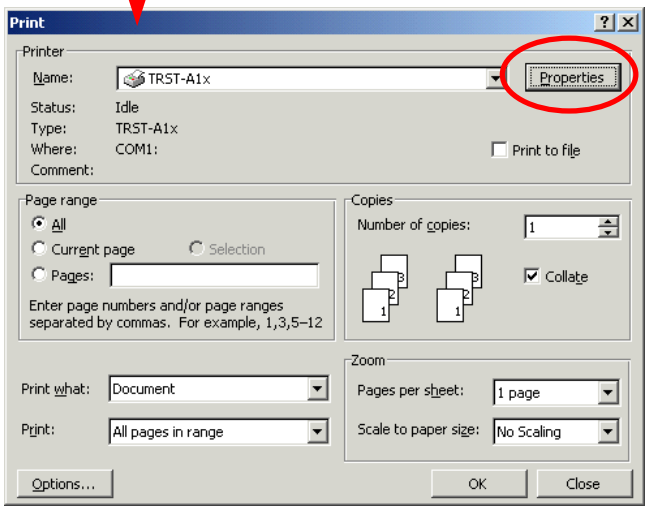
Configuration	Function
Color Setting	Select the color with which the printer prints the document. (If the printer is online, push "Refresh" to show the current configuration on the printer automatically)
Printer Model	Select the printer's model manually(not automatically updated)

3.3 Document Settings

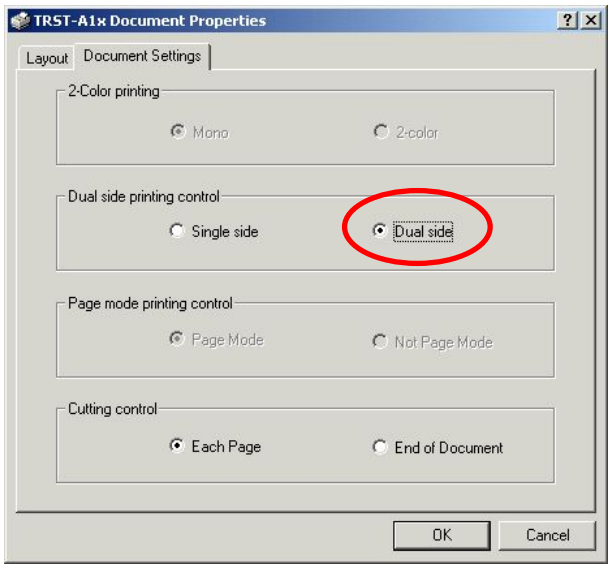
Open the "2ST_Sample.doc" and print it.



Click "Properties".

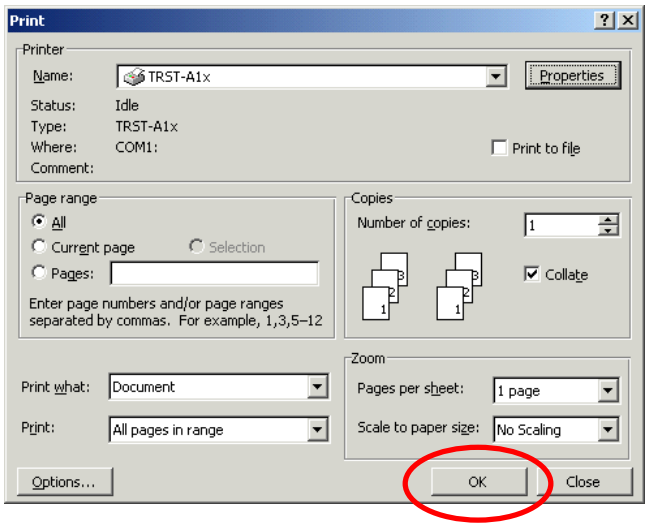


Select "Dual side" on the "Dual side printing control" below and click "OK" to quit this screen.

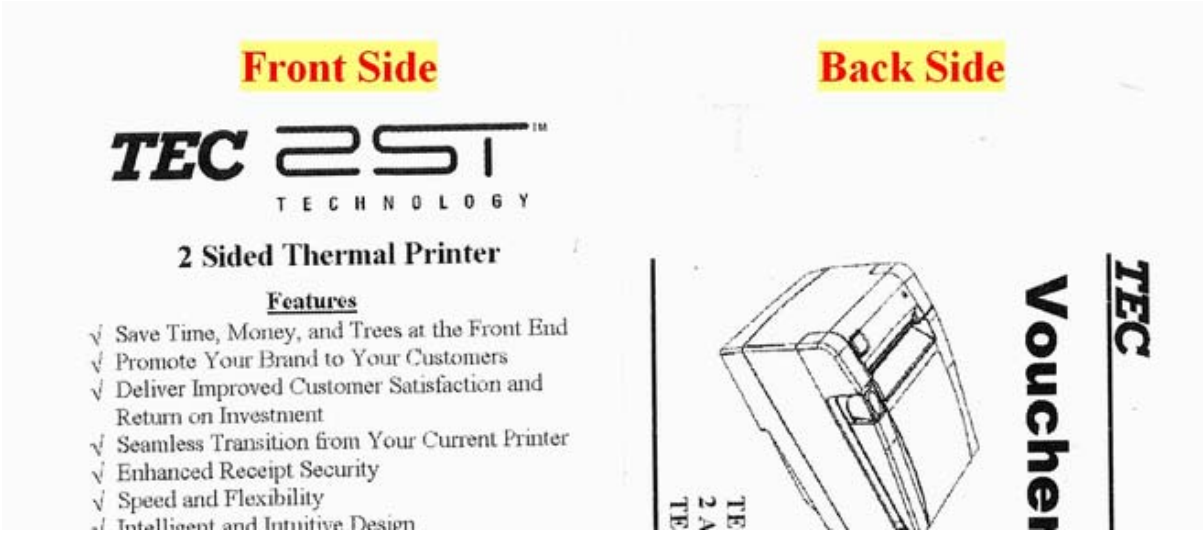


Configuration	Function
Dual Side	Specify the printing side
Cutting control	Select the cutting operation

Click "OK" to start printing.

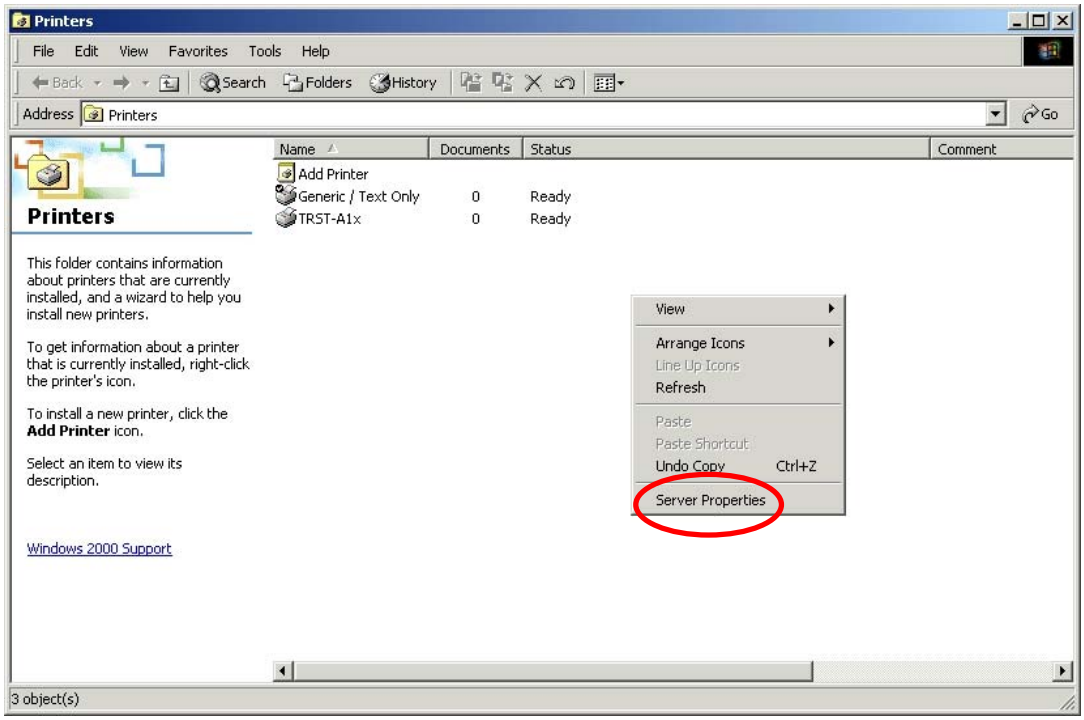


You'll get below printing with "2ST_Sample.doc".

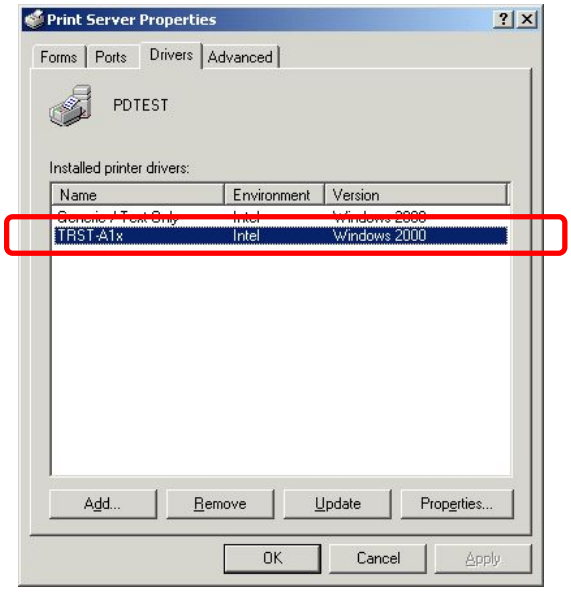


4. How to uninstall the Printer Driver

Click right button on the "TRST-A1x" icon and select "Server Properties" on below window.



Select "TRST-A1x" on below screen and click "Remove".



Click "Yes" on below dialog to remove the printer driver.

Print Server Properties
Deleting this printer driver will remove it from the system. Are you sure you want to delete TRST-A1x?
Yes
No

The printer driver for "TRST-A1x" is successfully removed.